

## EAST Search History

| Ref # | Hits | Search Query   | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|--|--|------------------|---------|------------------|
| S1    | 0    | ("02276670" "02031673").pn.  | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND              | OFF     | 2006/11/14 12:22 |
| S2    | 4    | ("02276670" "02031673").pn.  | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2006/03/15 15:20 |
| S3    | 247  | (ikeda and yoshimura).in.  | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2006/03/15 15:23 |
| S4    | 8    | (ikeda and yoshimura).in. and (ink and (paper or medium or media))   | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2006/03/15 15:23 |
| S5    | 1    | (ikeda and yoshimura).in. and 347/100  | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2006/03/15 15:24 |
| S6    | 753  | (ikeda near kenji).in.   | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2006/11/14 14:16 |
| S7    | 59   | (ikeda near kenji).in. and ink   | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2006/03/15 15:24 |
| S8    | 5    | ((medium or media or paper) same (colorant or dye or pigment or colors) same (support or resin or binder) same (porous or pores) with (polymer or polymeric)) and ((ink or liquid or fluid) same (hydrophobic with (dye or colorant)) same (hydrophobic with (polymer or polymeric)) and (organic with solvent)) | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2006/03/15 15:35 |

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| S9  | 5  | ((medium or media or paper) same (colorant or dye or pigment or colors) same (support or resin or binder) same (porous or pores) with (polymer or polymeric)) and ((ink or liquid or fluid) same (hydrophobic with (dye or colorant)) same (hydrophobic with (polymer or polymeric)) and (organic with solvent)) and ink   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 15:38 |
| S10 | 40 | ("20020077385" "1371697" "0732381" "2004/072134 "5374475" "5723276" "6177187" "6380280" "6402316" "20020037395" "0227245" "1184195" "1167060").pn.   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/30 12:47 |
| S11 | 16 | ((medium or media or paper) same (colorant or dye or pigment or colors or ink) same (support or resin or supporting or binding or binds or bind or binder) same (porous or pores or absorb\$3 or absorbant) with (polymer or polymeric or polymeriz \$4 or polymeris\$4)) and ((ink or liquid or fluid) same (hydrophobic with (dye or colorant)) same (hydrophobic with (polymer or polymeric)) and (organic with solvent)) and ink | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 15:48 |
| S12 | 17 | ((medium or media or paper) same (colorant or dye or pigment or colors or ink) same (support or resin or supporting or binding or binds or bind or binder) same (porous or pores or absorb\$3 or absorbant) with (polymer or polymeric or polymeriz \$4 or polymeris\$4)) and ((ink or liquid or fluid) same (hydrophobic with (dye or colorant)) same (hydrophobic with (polymer or polymeric)) and (organic with solvent))         | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/16 08:48 |

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| S13 | 21 | ((medium or media or paper) same (support or resin or supporting or binding or binds or bind or binder) same (porous or pores or absorb\$3 or absorbant) with (polymer or polymeric or polymeriz\$4 or polymeris\$4)) and ((ink or liquid or fluid) same (hydrophobic with (dye or colorant)) same (hydrophobic with (polymer or polymeric)) and (organic with solvent))                             | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | ON  | 2006/03/16 10:41 |
| S14 | 21 | ((medium or media or paper) same (support or resin or supporting or binding or binds or bind or binder) same (porous or pores or absorptive or absorbant or absorb\$3 or penetrable) with (polymer or polymeric or polymeriz\$4 or polymeris\$4)) and ((ink or liquid or fluid) same (hydrophobic with (dye or colorant)) same (hydrophobic with (polymer or polymeric)) and (organic with solvent)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | ON  | 2006/03/16 14:21 |
| S15 | 27 | ("4106027"   "4156616"   "4170482"   "4311775"   "4597794"   "4698651"   "4762875"   "5026427"   "5085698"   "5086698"   "5141556"   "5160370"   "5169436"   "5172133"   "5279654"   "5324349"   "5407474"   "5571850"   "5630868"   "5840822"   "5849833"   "5889083"   "5997622"   "6001161"   "6087416"   "6268101"   "6417249").PN. OR ("6848777").URPN.   | US-PGPUB; USPAT; USOCR                             | AND | OFF | 2006/03/16 10:55 |

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| S16 | 0 | S15 and ((paper or medium or media) same (porous or absorbant or pore or absorb\$3)) and ((ink or liquid) same (dye or colorant or color\$3) same (hydrophobic near (dye or colorant)) same (hydrophobic near (polymer or polymeriz\$5 or polymeris\$5)) same (organic near solvent))         | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/03/16 10:58 |
| S17 | 7 | ((paper or medium or media) same (porous or absorbant or pore or absorb\$3)) and ((ink or liquid) same (dye or colorant or color\$3) same (hydrophobic near (dye or colorant)) same (hydrophobic near (polymer or polymeriz\$5 or polymeris\$5)) same (organic near solvent))                 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/03/16 11:10 |
| S18 | 3 | ((paper or medium or media) same (porous or absorbant or pore or absorb\$3)) and ((ink or liquid) same (dye or colorant or color\$3) same (hydrophobic near (dye or colorant)) same (hydrophobic near (polymer or polymeriz\$5 or polymeris\$5)) same (organic near solvent)) and ink\$jet\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/03/16 10:58 |
| S19 | 2 | "6713528".pn.   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/03/16 11:12 |
| S20 | 2 | "20030232902"   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/03/16 11:53 |
| S21 | 2 | "6756423".pn.   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/03/16 11:58 |

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| S22 | 0    | ("5374475" "58136482"<br>"580452272" "06340835"<br>"07268254" "07268257"<br>"07268260").pn. | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2006/03/16<br>11:58 |
| S23 | 11   | ("5374475" "58136482"<br>"580452272" "06340835"<br>"07268254" "07268257"<br>"07268260").pn. | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2006/03/16<br>12:01 |
| S24 | 2    | "20030232902"   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2006/03/16<br>13:56 |
| S25 | 2    | (void near volume with<br>thickness) same nitrogen<br>and ink                               | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2006/03/16<br>13:57 |
| S26 | 13   | ink and volume same<br>(diameter with Nitrogen<br>near gas near adsorption)                 | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2006/03/16<br>14:40 |
| S27 | 19   | "5955185"   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2006/03/16<br>15:16 |
| S28 | 1    | "5955185".pn. and volume<br>same diameter   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2006/03/16<br>14:44 |
| S29 | 2464 | iinuma.in.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2006/03/16<br>15:16 |
| S30 | 35   | iinuma.in. and ink  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2006/03/16<br>15:16 |
| S31 | 35   | fuji.in. and ink  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/03/30<br>12:29 |

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| S32 | 2     | (fuji.as. or "cannon.as") and ink same general with formula and porous with medium and colorant                 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/03/30 12:45 |
| S33 | 55    | (fuji.as. or "cannon.as") and ink and general with formula and (medium or paper or media) with (pore or porous) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON  | 2006/03/30 12:43 |
| S34 | 2     | "20020143079"   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON  | 2006/03/30 12:43 |
| S35 | 16035 | (fuji.as. or "cannon.as") and ink   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/03/30 12:53 |
| S36 | 4     | ("02276670" "02031673").pn.   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | ON  | 2006/03/30 12:47 |
| S37 | 1     | 10/762543   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | ON  | 2006/03/30 12:49 |
| S38 | 2     | "6713528".pn.   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | ON  | 2006/03/30 12:49 |
| S39 | 16035 | (fuji.as.) and ink  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/03/30 12:54 |
| S40 | 0     | (fuji.as.) and ink adn (general with formula)   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/03/30 12:54 |
| S41 | 1484  | (fuji.as.) and ink and (general with formula)   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/03/30 12:54 |

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| S42 | 619 | (fuji.as.) and ink and<br>(general with formula) and<br>hydrophobic    | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/03/30<br>12:57 |
| S43 | 3   | "20020067402"  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/03/30<br>12:58 |
| S44 | 2   | "20020067402"  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/03/30<br>13:03 |
| S45 | 0   | "20020067402" polymer<br>same hydrophobic                              | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/03/30<br>13:03 |
| S46 | 0   | "20020067402" polymer<br>same hydrophobic                              | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2006/03/30<br>13:04 |
| S47 | 2   | "20020143079"  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2006/03/30<br>13:14 |
| S48 | 0   | ("20020143079"<br>"20020067402"<br>"20010023267"<br>"20010045176").pn. | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2006/03/30<br>13:14 |
| S49 | 8   | ("20020143079"<br>"20020067402"<br>"20010023267"<br>"20010045176").pn. | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2006/03/30<br>13:20 |
| S50 | 1   | 10/321512  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2006/03/30<br>13:21 |
| S51 | 0   | ("2003/0232902").URPN.   | USPAT  | AND | OFF | 2006/03/30<br>13:20 |
| S52 | 0   | ("2003/0232902").URPN.   | USPAT  | AND | OFF | 2006/03/30<br>13:20 |

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| S53 | 2 | "5955185".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/30<br>13:21 |
| S54 | 0 | "5955185".pn. and porous and pigment and support   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/30<br>13:21 |
| S55 | 1 | "5955185".pn. and porous and pigment   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/30<br>13:23 |
| S56 | 1 | "5955185".pn. and (porous or pore) same (pigment or colorant or dye)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/30<br>13:24 |
| S57 | 1 | "5955185".pn. and (porous or pore) same (pigment or colorant or dye) same (support or binder or structure)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/30<br>13:28 |
| S58 | 1 | 10/824526 and (support)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/30<br>13:29 |
| S59 | 6 | ("2003073598" "5955185").pn.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/05/15<br>08:41 |
| S60 | 2 | "20030232902"  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/14<br>13:11 |
| S61 | 2 | (void with volume) and (void with diameter with (polymer\$3 or particles) with (medium or layer or receiv\$3 or media or paper)) same (nitrogen with adsorption) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/14<br>13:14 |

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| S62 | 2   | (void with volume) and (void with diameter with (polymer\$3 or particles) with (medium or layer or receiv\$3 or media or paper)) same (nitrogen with adsorption with curve) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/14 13:14 |
| S63 | 2   | ("2003073598" "5955185" "20030232902").pn. and (polymer same vinyl or ester or urethane)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/14 13:15 |
| S64 | 2   | ("2003073598" "5955185" "20030232902").pn. and (polymer same vinyl or ester or urethane or amide or epoxy)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/14 13:16 |
| S65 | 2   | ("2003073598" "5955185" "20030232902").pn. and (polymer same (vinyl or ester or urethane or amide or epoxy))  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/14 13:17 |
| S66 | 1   | ("2003073598" "5955185" "20030232902").pn. and (polymer same (vinyl or ester or urethane or amide or epoxy)) and (organic with polymer\$3 with particle\$1)                 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/14 13:18 |
| S67 | 142 | (polymer with(vinyl or ester or urethane or amide or epoxy)) and (organic near2 polymer\$3 near2 fine near2 particle\$1)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/14 13:18 |
| S68 | 75  | (organic near2 polymer with(vinyl or ester or urethane or amide or epoxy)) and (organic near2 polymer\$3 near2 fine near2 particle\$1)                                      | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/14 13:19 |
| S69 | 26  | (organic near2 polymer with(vinyl or ester or urethane or amide or epoxy)) and (organic near2 polymer\$3 near2 fine near2 particle\$1) and ink                              | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/14 13:22 |

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| S70 | 85 | (organic near2 polymer with (vinyl or ester or urethane or amide or epoxy)) and (organic near2 polymer\$3 near2 particle\$1) and ink   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/14 13:24 |
| S71 | 13 | (organic near2 polymer with (vinyl or ester or urethane or amide or epoxy)) and (organic near2 polymer\$3 near2 particle\$1) same ink  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/14 13:23 |
| S72 | 65 | (organic near2 polymer with (vinyl or ester or urethane or amide or epoxy)) and (organic adj polymer\$3 near2 particle \$1) and ink  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/14 13:24 |
| S73 | 64 | (organic adj polymer with (vinyl or ester or urethane or amide or epoxy)) and (organic adj polymer\$3 near2 particle\$1) and ink   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/14 13:25 |
| S74 | 25 | (organic adj polymer with co\$1polymer\$3 with (vinyl or ester or urethane or amide or epoxy)) and (organic adj polymer\$3 near2 particle\$1) and ink  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/14 14:16 |
| S75 | 79 | (organic adj polymer with co\$1polymer\$3 with (vinyl or ester or urethane or amide or epoxy)) and (organic adj polymer\$3 near2 particle\$1) and (receiv\$3 or layer or paper or medium or media)                             | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/14 14:23 |
| S76 | 40 | (organic adj polymer with co\$1polymer\$3 with (vinyl or ester or urethane or amide or epoxy)) and (organic adj polymer\$3 near2 particle\$1) same (receiv\$3 or layer or paper or medium or media)                            | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/14 14:33 |
| S77 | 1  | (organic adj polymer with co\$1polymer\$3 with (vinyl or ester or urethane or amide or epoxy)) and (organic adj polymer\$3 near2 particle\$1) same (receiv\$3 or layer or paper or medium or media) and (void\$1 near2 volume) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/14 14:34 |

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| S78 | 2    | "20020174805"  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2006/11/20<br>12:26 |
| S79 | 1815 | ((void or hole\$1 or particle) with volume) same (diameter or radius or radii) same nitrogen               | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2006/11/20<br>12:27 |
| S80 | 29   | ((void or hole\$1 or particle) with volume) same (diameter or radius or radii) same nitrogen and "347"/\$3 | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2006/11/20<br>12:43 |
| S81 | 2    | "5955185".pn. and (void with volume)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2006/11/20<br>13:02 |
| S82 | 2    | "20040090512"  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2006/11/20<br>12:54 |
| S83 | 2    | "5955185".pn. and ink with receiv\$3   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2006/11/20<br>13:02 |
| S84 | 1    | "5955185".pn. and ink with receiv\$3 and (ink same (dye or pigment or color\$3))                           | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2006/11/20<br>13:03 |
| S85 | 1    | "5955185".pn. and (ink with receiv\$4 with thickness)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2007/05/14<br>15:02 |
| S86 | 1    | "5955185".pn. and (layer \$3 with thickness)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2007/05/14<br>15:03 |
| S87 | 1    | "5955185".pn. and (layer \$3 with thick\$5)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2007/05/14<br>15:13 |

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| S88 | 1    | 10/824526  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2007/05/14<br>15:07 |
| S89 | 1126 | (colorant or ink) with<br>(receiving) with (layer)<br>with thickness | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2007/05/14<br>15:12 |
| S90 | 4    | "2003073598".pn.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2007/05/14<br>15:13 |
| S91 | 2    | "20030232902".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2007/05/14<br>15:13 |
| S92 | 44   | 347/100 and (organic near<br>fine near particle\$1)                  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2007/05/14<br>15:26 |
| S93 | 60   | (void near volume near3<br>thickness) with layer                     | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2007/05/14<br>15:32 |
| S94 | 2    | (void near volume near3<br>thickness) with layer same<br>nitrogen    | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2007/05/15<br>07:37 |
| S95 | 1    | 10/824526  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2007/05/15<br>07:43 |
| S96 | 0    | (void near volume near4<br>thick\$3) and ink\$1jet\$4                | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2007/05/15<br>07:44 |
| S97 | 0    | (void near volume near5<br>thick\$3) and ink\$1jet\$4                | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2007/05/15<br>07:44 |

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| S98  | 0    | (void near volume near5 thick\$3) and "347"/\$3   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/05/15 07:44 |
| S99  | 0    | (void near3 volume near5 thick\$3) and "347"/\$3  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/05/15 07:45 |
| S100 | 1318 | (void with volume with thick\$4)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/05/15 07:45 |
| S101 | 1014 | (void near volume with thick\$4)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/05/15 07:45 |
| S102 | 407  | (void near volume near4 thick\$4)   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/05/15 07:45 |
| S103 | 13   | (void near volume near4 thick\$4) and "347"/\$3   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/05/15 08:46 |
| S104 | 6    | (void near volume near4 thick\$4) and "347"/\$3 and (organic with particles)            | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/05/15 07:55 |
| S105 | 1    | (void near volume near4 thick\$4) and "347"/\$3 and (hydrophobic near dye)              | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/05/15 07:55 |
| S106 | 1    | ("2003073598" "5955185").pn. and nitrogen\$3  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | OFF | 2007/05/15 08:42 |
| S107 | 3    | (void near volume near4 thick\$4) and "347"/\$3 and (organic with solvent with boiling) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/05/15 08:47 |

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| S108 | 3    | (void near volume near4 thick\$4) and "347"/\$3 and (organic with solvent with (boiling or solubility)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/05/15 08:47 |
| S109 | 3    | "6620470" and (fine near particle\$1)   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/05/18 10:57 |
| S110 | 2    | "5955185".pn.   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | OFF | 2007/12/07 08:57 |
| S111 | 8107 | (void near volume) and thickness  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | OFF | 2007/12/06 13:57 |
| S112 | 75   | (void near volume) same thickness and "347"/\$3   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | OFF | 2007/12/06 14:07 |
| S113 | 2    | "20020045035"   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | OFF | 2007/12/06 14:31 |
| S114 | 1    | "20020045035" and (diameter with nm) and (maximum with volume)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | OFF | 2007/12/06 14:49 |
| S115 | 2    | "6620470".pn.   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | OFF | 2007/12/06 14:49 |
| S116 | 4    | ("5955185" or "20020045035" or "20030735984").pn.   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/12/18 11:20 |
| S117 | 1    | ("5955185" or "20020045035" or "20030735984").pn. and inorganic near particle\$1                        | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/12/18 11:27 |

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| S118 | 2  | "20020045035"   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2007/12/18<br>11:23 |
| S119 | 1  | 2002-474230.NRAN.   | DERWENT  | AND | OFF | 2007/12/18<br>11:20 |
| S120 | 2  | "20020174805"   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2007/12/18<br>11:25 |
| S121 | 2  | ("5955185" or<br>"20020045035" or<br>"20030735984").pn. and<br>\$3polymer\$2  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2007/12/18<br>11:27 |
| S122 | 2  | ("5955185" or<br>"20020045035" or<br>"20030735984").pn. and<br>\$3polymer   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2007/12/20<br>13:05 |
| S123 | 2  | "20020107301"   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2007/12/20<br>12:50 |
| S124 | 10 | ("2001246841"<br>"2002161225" "58045272"<br>"07268254" "06340835").<br>pn.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2007/12/20<br>13:06 |
| S125 | 2  | "20020045035"   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2008/04/09<br>08:14 |
| S126 | 2  | (porous with organic with<br>(absorb\$4 or absorb\$4))<br>and (ink same (dye near<br>hydrophobic))  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2008/04/09<br>08:27 |
| S127 | 13 | (medium or paper or<br>media) and (absorp\$4 or<br>absorb\$4 or receiv\$3 or<br>reciev\$3 or layer) same<br>volume same (diameter<br>with Nitrogen near gas<br>near adsorption) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2008/04/09<br>08:32 |

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| S128 | 4 | ("6890070" or "6838135").pn.  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | ON  | 2008/04/09 08:35 |
| S129 | 2 | "20030160850"   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | ON  | 2008/04/09 08:36 |
| S130 | 1 | 10/824526 and (fine near particle\$1) same (organic or example\$1 or such near as)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2008/04/09 08:44 |
| S131 | 0 | ("20020067402 20020143079")   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | ON  | 2008/04/09 09:03 |
| S132 | 4 | ("20020067402" "20020143079")   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | ON  | 2008/04/09 09:03 |
| S133 | 8 | (S132 or S128 or S129) and (organic) and ink  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | ON  | 2008/04/09 09:05 |
| S134 | 7 | (medium or paper or media) and (absorp\$4 or absorb\$4 or receiv\$3 or reciev\$3 or layer) same volume same (diameter with Nitrogen near gas near adsorption) and (hydrophobic near dye and organic solvent and dispersion) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | ON  | 2008/04/09 09:06 |
| S135 | 7 | (S132 or S128 or S129) and (organic) and ink and dispers\$4 and dye   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | ON  | 2008/04/09 09:08 |
| S136 | 3 | (S132 or S128 or S129) and (organic) and ink and dispers\$4 and dye with (insoluble or hydrophobic)   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | ON  | 2008/04/09 09:15 |

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| S137 | 2   | "5955185".pn.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/04/09<br>09:17 |
| S138 | 179 | nitrogen with (adsorption or desorption or absorption or absorbtion) and (organic with fine) same (receiving or layer or absorb\$3)                                 | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/04/09<br>09:19 |
| S139 | 33  | nitrogen with (adsorption or desorption or absorption or absorbtion) and (organic with fine) same (receiving or layer or absorb\$3) same (media or medium or paper) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/04/09<br>09:19 |
| S140 | 2   | ("20020045035" or "20010028382") and void with (ratio or diameter)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/04/09<br>10:06 |
| S141 | 2   | ("20020045035" or "20010028382") and void near (ratio or diameter) and (particle near size)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/04/09<br>10:13 |
| S142 | 0   | ("20020045035" or "20010028382") and void near (diameter) and (particle near size)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/04/09<br>10:14 |
| S143 | 1   | ("20020045035" or "20010028382") and void near4 (diameter) and (particle near size)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/04/09<br>10:14 |
| S144 | 1   | ("20020045035" or "20010028382") and void near4 (diameter) and (size)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/04/09<br>10:14 |
| S145 | 1   | ("20020045035" or "20010028382") and secondary  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/04/09<br>10:38 |

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